

POWER DISTRIBUTION BUS WITH PROTECTION AND ALARMING**Abstract**

Power distribution busses and methods are disclosed that provide flexible
5 protection and alarming capabilities. Various embodiments provide interchangeability of
fuses and circuit breakers within the same power distribution bus configuration. These
various embodiments also provide discrete alarming for fused lines, discrete alarming for
lines with circuit breakers, combined alarming for lines having mixed forms of
protection, and/or selectable alarming such as combined versus discrete in relation to
10 employing all fused lines, employing all circuit breaker protected lines, or employing
mixed line protection.